

NWS CHANGE FORM PART A			1. DATE SUBMITTED 2 December 1999	
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).				
2. ORIGINATOR OFFICE NWS	3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Rick Fox Routing Code: W/APO1 Phone: 301-713-0211x176	5. ORIGINATOR TRACKING NUMBER RC-APO-15	
6. SYSTEMS AFFECTED BY CHANGE <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div> <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____ </div> <div style="text-align: right;"> <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) </div> </div>			7. WSH TRACKING NUMBER NWS 530 12/15/99	
8. TITLE OF CHANGE AWIPS Software Version 4.2.6				
9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY		10. SITES AFFECTED (Attach Part B, Page 2, if needed) See Attach A1A		
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) Correct AWIPS software deficiencies identified in attachment A1B.				
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Requirements and deficiencies identified in Block 11 above, will be corrected through the modification of existing software. The software will be developed by the NWS, and released as AWIPS software Version 4.2.6.				
13. ALTERNATE SOLUTIONS None - This is an urgency release required to correct deficiencies identified in attachment A1B.				
14. REQUIRED CHANGE DATE 31 Jan 00	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) Target release date per (ID reference doc)			
CCB/PMC/CMB DECISION				
16. DECISION AUTHORITY LEVEL	<input type="checkbox"/> CCB LEVEL ONLY	<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED		
17. CCB LEVEL DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED	SIGNATURE		
		DATE SIGNED		
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED				
18. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED	SIGNATURE		
		DATE SIGNED		

NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER RC-APO-15	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER NWS 530	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$16 K
5. DEVELOPMENT COSTS (Estimate development costs) Government - (See Attachment B1A for details) Prc - NTE \$16 K		KMOD _____ BASE	AMOUNT \$16 K
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A		BASE	AMOUNT \$0
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)		KMOD _____ BASE	AMOUNT See #5
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A			AMOUNT \$0
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) Contractor (PRC) supports Government Installation		KMOD _____ BASE	AMOUNT See #5
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations		KMOD _____	AMOUNT Unknown
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) N/A		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) Delivery - 13 December 99	
12. IMPLEMENTATION/RETROFIT SCHEDULE Implementation to start at first site by 20 December 99		13. FACILITY INFORMATION (Attach facility drawings/plans.) N/A	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) N/A		17. COORDINATION OF CHANGE WITH OTHER CHANGES Requires AWIPS SW Ver 4.2.5 to be installed prior to implementation.	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) See Attachment Part B		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) No recurring workload impacts.	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) N/A		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) Service backup during software installation required (approximately one hour per site for installation).	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) PRC will provide a TAR file with the SW and installation instructions to the NCF. The NCF will push the TAR file and installation instructions to all sites. SW to be installed by site personnel IAW installation instructions. Installation will take approximately one hour. NCF and SST will be available to sites requiring assistance. Site installation schedules will be established by AWIPS Regional Focal Points and the SST. Initial Operational Capability occurs at first site on 20 December 99. Sites will report completion of installation via an ADM message to the NCF. All sites to implement change by 31 Jan 00.			

NWS CHANGE FORM PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT						1. ORIGINATOR TRACKING NUMBER RC-APO-15			
This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)						2. WSH TRACKING NUMBER NWS 530			
3. ITEM NAME, CIRCUIT TYPE, SOFTWARE VERSION, OR SITE LOCATION	4. REMOVE REPLACE MODIFY	5. SUPERSEDED ITEM OR CONFIGURATION		6. SUPERSEDING PART NUMBER OR NEW CONFIGURATION	7. DOC TYPE	8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
		A. PART NUMBER OR CONFIGURATION	B. SERIAL NUMBER(S) OR COMMENTS			A. IDENTIFIER	B. REV	A. IDENTIFIE	B. REV
AWIPS Software	Replace	Version 4.2.5		Version 4.2.6	Software Listing	Release 4.2.5	15 Oct 1999	Rel 4.2.6	13 Dec 1999
					Release Notes	Release R4.2.5	20 Oct 1999	Rel 4.2.6	17 Dec 1999

NWS CHANGE FORM PART C		1. ORIGINATOR TRACKING NUMBER RC-APO-15	
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.		2. WSH TRACKING NUMBER NWS 530	
3. CCB COST EVALUATION			
NWS COST \$ 16 K	FAA COST \$	DOD COST \$	TOTAL COST \$16 K
4. IMPLEMENTATION DOCUMENTS REQUIRED			
<input type="checkbox"/> Engineering Modification Note x <input type="checkbox"/> Software Release Notes <input checked="" type="checkbox"/> Other Document (Specify)_____			
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.			
5. IMPLEMENTATION ACTIVITY REQUIRED		6. REQUIRED COMPLETION DATE	7. RESPONSIBLE PERSON AND OFFICE
A. Coordinate implementation schedule with field offices through AWIPS Regional Focal Points		17 December 99	Thigpen/SST W/APO3
B. Train NCF staff on the new software capabilities, installation procedures, and trouble shooting procedures		20 December 99	TBD,PRC
C. Release SW Listing following NWS CCB approval to do so.		20 December 99	TBD,PRC
D. Release AWIPS SW ver 4.2.6 to the NCF and NWS CM (W/OSO113) as directed by APO.		20 December 99	TBD,PRC
E. Release SW to sites IAW approved schedule.		20 December 99	PRC
F. Report completion of installation via ADM message to NCF.		1 Feb 00	Site ESA
G. Audit sites for completion of installation and notify W/OSO112 of status by site weekly (ending 31 Jan 00)		1 Feb 00	Thigpen/SST, W/APO3
H. Ensure this change is reported to the Weather Service Headquarters (WSH) through the Engineering Management Reporting System (EMRS) according to the instructions in Engineering Handbook number 4, part 2. Record this RC number (NWS530) in Block 17a of the EMRS report.		14 Feb 00	Finke, W/CR41x4 Machado, W/ER41x4 Garcia, W/SR41x4 Fahy, W/WR411
I. Ensure the appropriate WSH management information systems and configuration management data bases are updated to reflect these changes		21 Feb 00	Michelle deTommaso W/OSO113
8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION		N/A N/A NWS Contr. Off. Notify Gillespie, W/OSO112 Ref Item H. N/A N/A N/A	